

4.2.I. 05130204090.

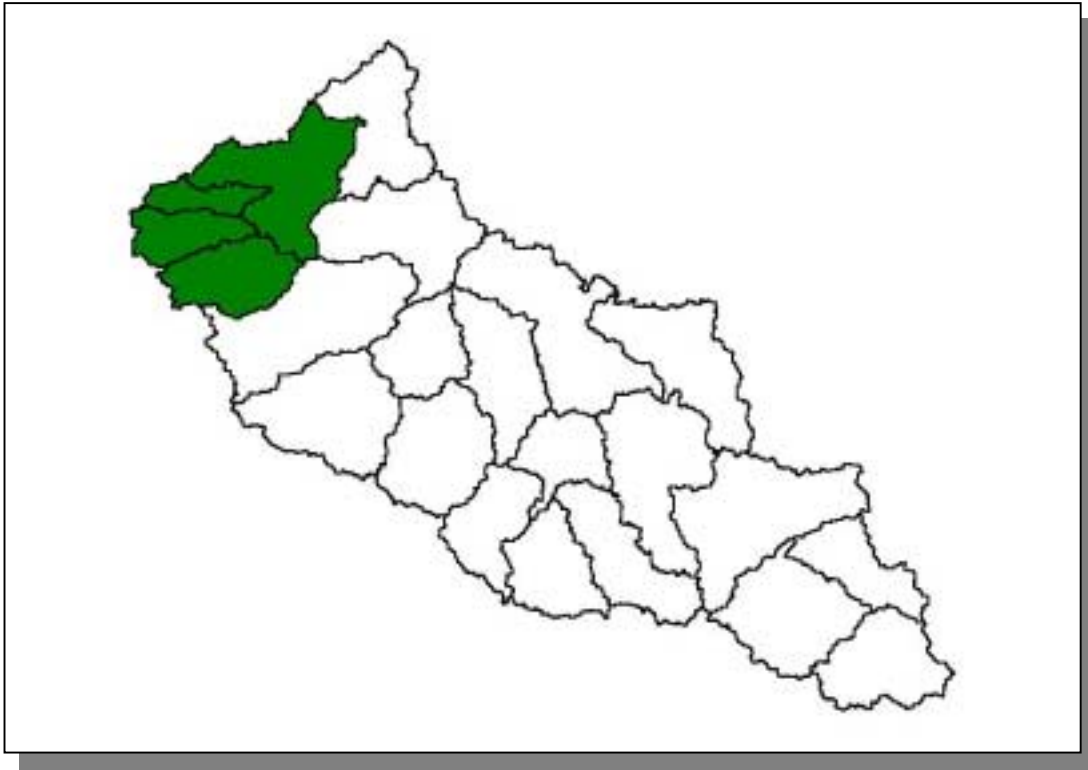


Figure 4-57. Location of Subwatershed 05130204090. All Harpeth HUC-14 subwatershed boundaries are shown for reference.

4.2.1.i. General Description.

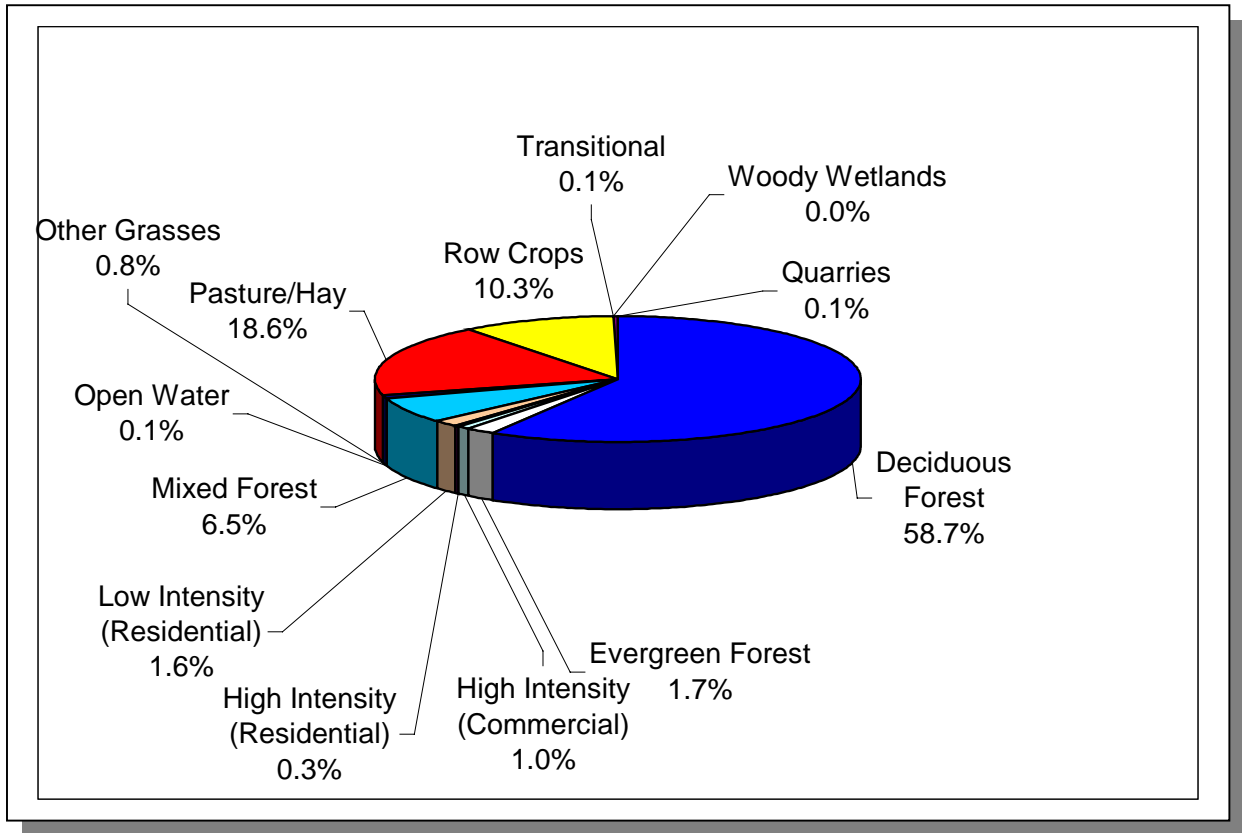


Figure 4-58. Land Use Distribution in Subwatershed 05130204090. More information is provided in Harpeth-Appendix IV.

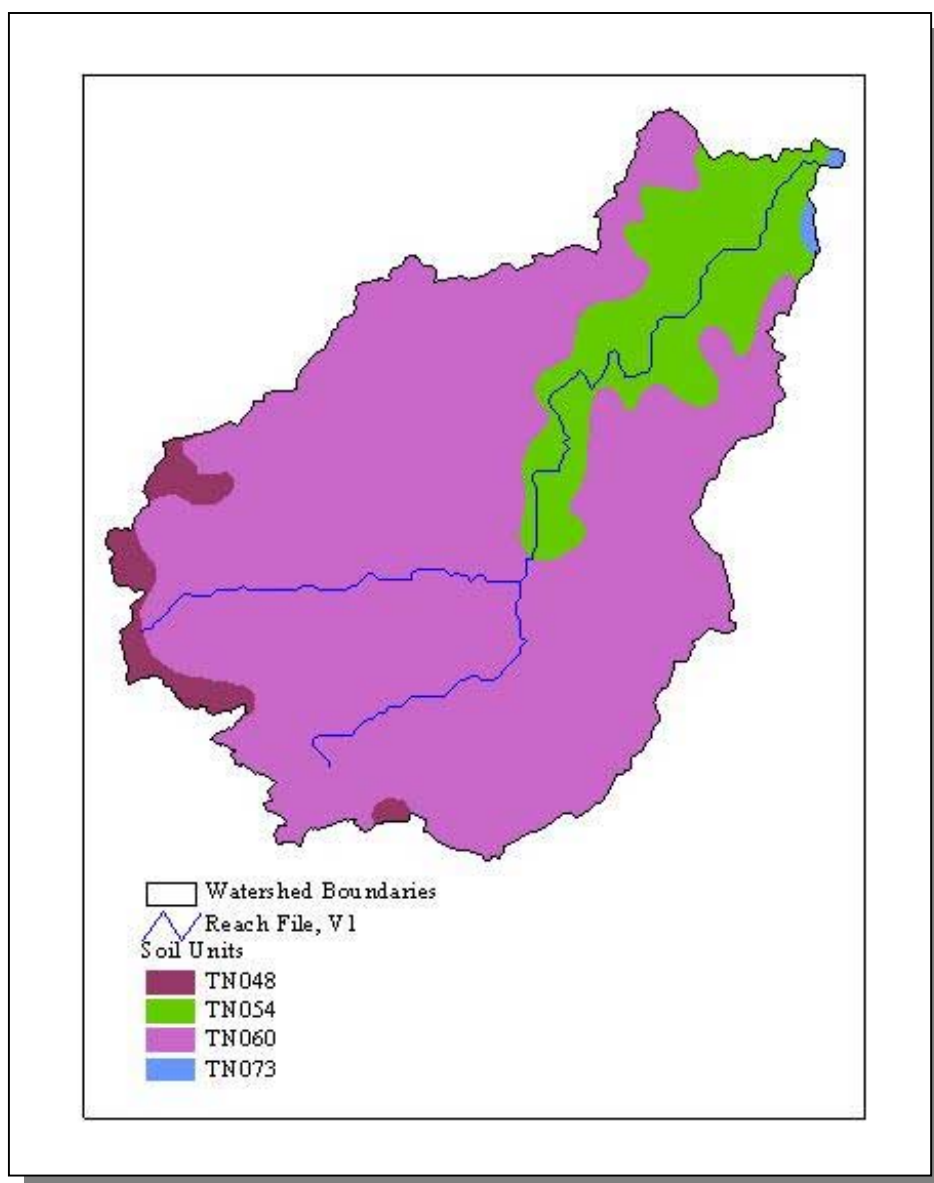


Figure 4-59. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 05130204090.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN048	8.00	C	1.38	5.06	Silty Loam	0.42
TN054	0.00	C	3.04	4.84	Loam	0.32
TN060	5.00	B	1.30	5.32	Silty Loam	0.39
TN073	0.00	B	2.97	5.21	Loam	0.34

Table 4-58. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 05130204090. More information is provided in Harpeth-Appendix IV.

	COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		% CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Dickson	35,061	40,937	22.29	7,814	9,123	16.8

Table 4-59. Population Estimates in Subwatershed 05130204090.

			NUMBER OF HOUSING UNITS			
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Burns	Dickson	1,127	440	53	384	3
Charlotte	Dickson	854	374	272	97	5
Dickson	Dickson	8,791	3,818	3,268	540	10
White Bluff	Dickson	1,979	820	596	224	0
Totals		12,751	5,452	4,189	1,245	18

Table 4-60. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 05130204090.

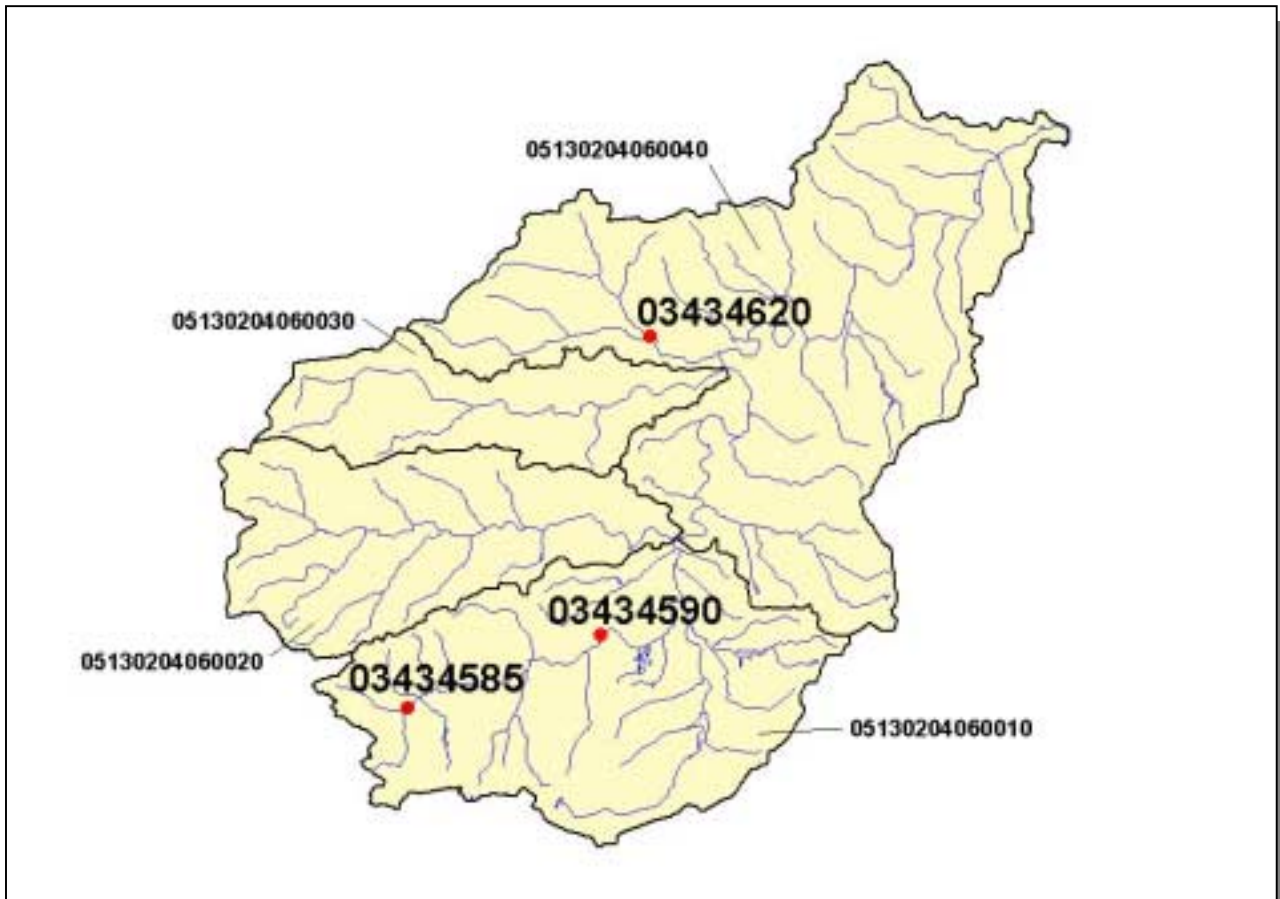


Figure 4-60. Location of Historical Streamflow Data Collection Sites in Subwatershed 05130204090. Subwatershed 05130204060010, 05130204060020, 051309204060030, and 05130204060040 boundaries are shown for reference. More information is provided in Harpeth-Appendix IV.



Figure 4-61. Location of STORET Monitoring Sites in Subwatershed 05130204090. Subwatershed 05130204060010, 05130204060020, 05130204060030, and 05130204060040 boundaries are shown for reference. More information is provided in Harpeth-Appendix IV.

4.2.I.ii. Point Source Contributions.



Figure 4-62. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 05130204090. Subwatershed 05130204060010, 05130204060020, 051309204060030, and 05130204060040 boundaries are shown for reference. More information, including the names of facilities, is provided in Harpeth-Appendix IV.



Figure 4-62. Location of Active Mining Sites in Subwatershed 05130204090. Subwatersheds 05130204060010, 05130204060020, 05130204060030 and 05130204060040 are shown for reference. More information, including the names of facilities, is provided in Harpeth-Appendix IV.

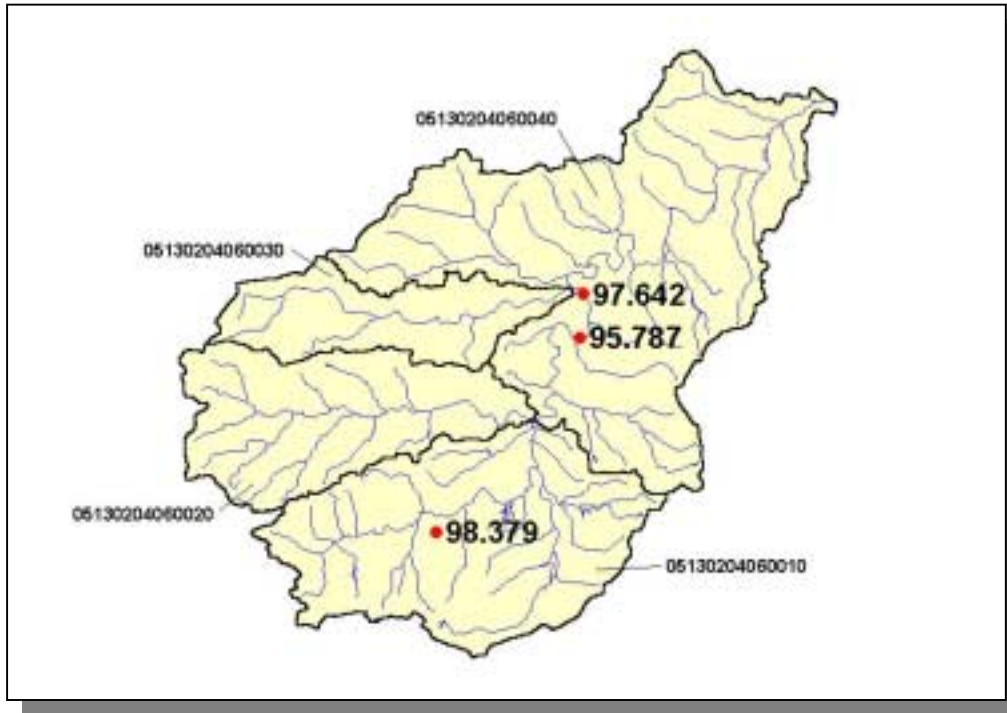


Figure 4-63. Location of ARAP Sites (Individual Permits) in Subwatershed 05130204090. Subwatershed 05130204060010, 05130204060020, 051309204060030, and 05130204060040 boundaries are shown for reference. More details may be found in Harpeth-Appendix IV.

4.2.I.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)				
Cattle	Chickens	Chickens Sold	Hogs	Sheep
6,998	15	81	502	7

Table 4-61. Summary of Livestock Count Estimates in Subwatershed 05130204090. According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Dickson	174.3	174.3	1.8	7.7

Table 4-62. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 05130204090.

CROPS	TONS/ACRE/YEAR
Corn (Row Crops)	2.91
Grass (Hayland)	0.48
Grass (Pastureland)	0.60
Grass, Forbs, Legumes (Mixed (Pasture)	0.74
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	3.78
Vineyard (Horticultural)	1.05
Other Vegetable and Truck Crop	7.71
Conservation Reserve Program Land	0.07
Non Agricultural Land Use	0.00
Legume Grass (Hayland)	0.59

Table 4-63. Annual Estimated Total Soil Loss in Subwatershed 05130204090.